Index of Claims

| App | licati | ion/C | ontrol | No. |
|-----|--------|-------|--------|-----|
|-----|--------|-------|--------|-----|

09/964,494

Examiner

Alexander O. Williams

Applicant(s)/Patent under Reexamination

XIE ET AL.

Art Unit

2826

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

Restricted

| Z | Non-Elected |
|---|-------------|
|   |             |

I Interference

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cli                  | aim            | Date     |  |  |  |                                     |  |  |  |          |
|----------------------|----------------|----------|--|--|--|-------------------------------------|--|--|--|----------|
| <u> </u>             | +              | Г        | ſ  | I  | 7 31   | Ť                                   | т-   | Т  | П  |          |
| Final                | Original       | 3/1/05   |  |  |  |                                     |  |  |  |          |
|                      | 1              |          |  | Г  |  |                                     | Π  |  | 1  |          |
| 1                    | 2              | =        |  | T  |  | Г                                   | T  | Г  | 1  |          |
| 2                    | 3              | =        | 1  | 1  | T  |                                     | t  |  | T  | H        |
| 3                    | 4              | =        | ┢  | 1  | <u> </u>   | <del> </del>                        | 1  | <u> </u>   | <u> </u>   |          |
| 4                    | 5              | =        | $\vdash$   | $\vdash$   | t  | <u> </u>                            |  | $\vdash$   | $\vdash$   | 1        |
| 5                    | 6              | =        | ╁  | <del>  -</del>                                   | $\vdash$   | $\vdash$                            | <del> </del> -                                   | <del> </del>   | <del>                                     </del> | $\vdash$ |
| 6                    | 5<br>6<br>7    | ╘        | ╁  | ╁  | -  | +-                                  | ╁  | ╁  | ╁  | Н        |
| 7                    | 8              | =        | ╁  | ┢  | ├-   | ╁                                   | $\vdash$   | H  | ┢  | H        |
| 8                    | 9              | ╘        | ├  | H  | $\vdash$   | H                                   | <del> </del>                                     | H  | <del> </del>                                     | H        |
| 9                    | 10             | =        | ╁╌   | $\vdash$   | $\vdash$   | ╁                                   | $\vdash$   |  | H  | Н        |
| 10                   | 11             | =        | Н  |  | <del> </del>                                     | -                                   | ╁╴   | ╁  | ┢  | $\vdash$ |
| 11                   | 12             | =        | H  |  | t  | $\vdash$                            | 1  | <del>                                     </del>   | $\vdash$   | $\vdash$ |
| 12                   | 13             | =        | Н  | T  | T  | $\vdash$                            | <del>                                     </del> | $\vdash$   | <u> </u>   | Н        |
| 12<br>13             | 13<br>14<br>15 | =        |  |  | T  | $\vdash$                            |  |  |  | Н        |
| 14                   | 15             | =        | $\vdash$   |  | ┢  | t                                   |  |  |  | П        |
| 15                   | 16<br>17       | ╘        | T  | Т  | $\vdash$   | t                                   |  |  |  | Н        |
|                      | 17             | t        |  |  |  | <del> </del>                        | $\vdash$   | $\vdash$   | ┢  | Н        |
|                      | 18             | $\vdash$ |  |  | H  | T                                   |  | <u> </u>   | <u> </u>   | H        |
| 17                   | 19             | ╘        | <del>                                     </del> |  | $\vdash$   | $\vdash$                            |  | $\vdash$   |  | Н        |
| 18                   | 20             | =        |  | ┢╌   | $t^-$  | $\vdash$                            | $\vdash$   | -  |  | H        |
| 19                   | 21             | =        | 1  | <del>                                     </del> | Т  | 一                                   |  |  |  | H        |
| 16                   | 22             | =        |  | Н  | $\vdash$   | t                                   |  |  | H  | H        |
| 20                   | 22<br>23       | =        |  |  | <del>                                     </del> |                                     | $\vdash$   | 一  | $\vdash$   | Н        |
| 21                   | 24             | =        |  |  |  |                                     | Т  |  | $\vdash$   | П        |
| 22                   | 24<br>25       | =        |  |  | Т  |                                     |  |  | Т  | H        |
| 23                   | 26             | =        | -  |  |  | T                                   |  |  |  |          |
| 23<br>24<br>25<br>26 | 27             | =        |  |  |  |                                     |  |  |  | П        |
| 25                   | 27<br>28       | =        |  | Г  |  |                                     |  |  |  | П        |
| 26                   | 29             | =        |  |  |  | 1                                   |  |  |  | П        |
| 27<br>28             | 30             | =        |  |  |  |                                     |  |  |  |          |
| 28                   | 31             | ₣        |  |  |  |                                     | Г  |  | Г  |          |
| 29                   | 32             | =        |  |  |  |                                     |  |  |  |          |
|                      | 33             |          |  |  |  |                                     |  |  |  | П        |
|                      | 33<br>34       |          |  |  |  |                                     |  |  |  |          |
| 31                   | 35             | =        |  |  |  |                                     |  |  |  |          |
| 32                   | 36             | =        |  |  |  |                                     |  |  |  |          |
| 33                   | 37             | =        |  | 匚  |  |                                     |  |  |  |          |
| 30                   | 38             | =        |  |  |  |                                     |  |  |  |          |
| 34                   | 39             | =        |  |  |  |                                     |  |  |  |          |
| 35                   | 40             | =        |  |  |  |                                     |  | 匚  | $\Box$   | Ш        |
| 36                   | 41             | =        | <u> </u>   |  |  | <u> </u>                            | _  | <u> </u>   |  | Ш        |
| 37                   | 42             | =        | Щ.   |  |  | <u> </u>                            |  | _  | _  | Ш        |
| 38                   | 43             | =        | Ш  |  | _  | <u> </u>                            | <u> </u>   | <u> </u>   |  | Ш        |
| 39                   | 44             | =        | L  | L_   | <u> </u>   | _                                   | _  | $ldsymbol{ld}}}}}}$ |  | Ш        |
| 40                   | 45             | =        | L_   | L  | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  |  | L_   | Ш        |
| 41                   | 46             | =        | L_   | <u> </u>   |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  | Ш  | L  | Ш        |
| 42                   | 47             | =        | Щ  | _  | <u> </u>   | <u> </u>                            | <u> </u>   | oxdot  | L  | Ш        |
| 43                   | 48             | =        | Щ  |  | <u>L</u> .                                       | L                                   | <u> </u>   | Ш  | <u> </u>   | Ш        |
| L                    | 49             | Щ        | Ш  | _  | <u> </u>   | <u> </u>                            |  | L_   |  | Ш        |
|                      | 50             |          |  |  |  | L                                   |  |  | L  |          |

| Cla             | aim      | Date          |  |              |              |  |          |  |  |  |  |
|-----------------|----------|---------------|--|--------------|--------------|--|----------|--|--|--|--|
|                 |          | Π             |  |              |              |  |          |  |  |  |  |
| Final           | Original | 3/1/05        |  |              |              |  |          |  | :  |  |  |
| 44              | 51       | =             | L  | L            | L            | ļ  | ļ        | ļ  | ļ  |  |  |
| 44              | 52       | ⊢             | -  | -            | <del> </del> | ⊢  | ┢        |  |  |  |  |
| 45              |          | =             | _  | ↓_           | <u> </u>     | ┡  | <u> </u> | _  | _  | <u> </u>   |  |
| 46              | 53       | 트             | <u> </u>   | ╙            | L            | ╙  | ╙        | _  | _  | L  |  |
| 47              | 54       | Ξ             |  |              |              |  |          | L  | _  |  |  |
|                 | 55       |               |  |              |              |  |          |  |  |  |  |
| 49              | 56       | =             |  |              |              |  |          |  |  |  |  |
| 48              | 57       | =             |  |              |              |  |          |  |  |  |  |
| 50              | 58       | =             |  | П            | Ī            | Г  |          | Г  | Г  |  |  |
| 51              | 59       | =             |  |              |              |  |          |  |  |  |  |
| 52              | 60       | =             |  |              |              |  |          |  |  |  |  |
|                 | 61       |               |  |              |              |  |          |  |  |  |  |
| 54              | 62       | =             |  |              |              | П  | Γ        |  |  | T  |  |
| 55              | 63       | =             |  |              |              | Г  | Г        | Т  |  |  |  |
| 56              | 64       | =             |  |              |              |  |          | $\vdash$   | <del>                                     </del> | $\vdash$   |  |
| 57              | 65       | =             |  |              | t            |  |          | Ι-   | <del>                                     </del> | <del>                                     </del> |  |
| 53              | 66       | =             |  |              | $\vdash$     |  | Н        | <del>                                     </del> | Ι.   | ╁  |  |
| 58              | 67       | =             | <del>                                     </del> | +            | Ι            | <del> </del>                                     | $\vdash$ | $\vdash$   |  | $\vdash$   |  |
| 59              | 68       | =             | ┝  | -            | -            | -  | $\vdash$ | $\vdash$   | $\vdash$   | H  |  |
| 60              | 69       | =             | ┢  |              | _            | <del>                                     </del> | H        | -  | -  | -  |  |
| 61              | 70       | 늘             | <del> </del>                                     | _            | -            | <del> </del>                                     | H        | $\vdash$   | ⊢  | -  |  |
| 62              | 71       | <del> -</del> | ┝  | -            | -            | -  | -        | ├  | -  |  |  |
| 63              | 72       | =             | _  | ┢            |              | -  | ├        | ├  | -  |  |  |
| 64              | 73       | =             |  | -            |              | ⊢  | _        |  |  |  |  |
| 65              | 74       | =             | ├—   | <del> </del> |              | $\vdash$   | ⊢        |  | -  |  |  |
| 66              | 75       | =             | ├  | -            | -            | $\vdash$   | ⊢        |  | -  |  |  |
| 67              |          | =             | _  | ├            |              | -  | -        |  |  |  |  |
| 107             | 76<br>77 | F             |  | ⊢            | ⊢            | ├  | ⊢        |  |  |  |  |
|                 | 78       |               |  | _            | ⊢            |  | $\vdash$ |  | -  | -  |  |
|                 | 79       | -             | _  | -            | ├─           | -  | ⊢        | -  | -  | $\vdash$   |  |
|                 | 80       | $\vdash$      | -  | ⊢            |              | ├  |          | $\vdash$   | ⊢  | $\vdash$   |  |
| -               | 81       | -             |  | -            | ├            | ⊢  |          | ⊢  |  | $\vdash$   |  |
|                 | 82       | _             |  | $\vdash$     | ┝            | ├  |          | -  | <u> </u>   |  |  |
| $\vdash$        | 83       | _             | <del></del>                                      | ├            |              |  | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   |  |
| -               |          | -             | <u> </u>   | $\vdash$     | <u> </u>     | $\vdash$   | $\vdash$ | $\vdash$   | ļ  | $\vdash$   |  |
| $\vdash$        | 84       |               | -  | $\vdash$     | -            | _  | <u> </u> | <u> </u>   |  | $\vdash$   |  |
| -               | 85       | $\vdash$      | -  | $\vdash$     | ⊢            | ├-   | -        | $\vdash$   | $\vdash$   | $\vdash$   |  |
| -               | 86       | $\vdash$      |  | -            | <u> </u>     | <del> </del> —                                   |          | $\vdash$   | $\vdash$   | $\vdash$   |  |
| $\vdash$        | 87       | $\vdash$      |  | <u> </u>     | <u> </u>     | _  | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>   |  |
|                 | 88       |               |  | <u> </u>     | <u> </u>     | _  |          |  |  |  |  |
| $\vdash$        | 89       |               |  |              | <u> </u>     | ļ  | $\vdash$ | <u> </u>   | <u> </u>   | <u> </u>   |  |
| $\vdash$        | 90       | <u> </u>      |  | <u> </u>     | _            | ├  | $\vdash$ | ļ  | $\vdash$   |  |  |
| $\vdash$        | 91       |               |  | <u> </u>     | <u> </u>     | $\vdash$   | _        | <u> </u>   |  | $\vdash$   |  |
| $\vdash$        | 92       | -             |  | ļ.           | _            | <u> </u>   | L        | <u> </u>   | _  |  |  |
|                 | 93       |               |  | <b> </b>     | <u> </u>     | $\vdash$   | $\vdash$ | _  | <u> </u>   | Щ  |  |
|                 | 94       |               |  | <u> </u>     | <u> </u>     |  | Щ        | Ш  | Ш  | Ш  |  |
|                 | 95       |               |  | <u> </u>     | <u> </u>     | _  | $\vdash$ | -  |  | Ь  |  |
|                 | 96       | $\square$     |  | L-           | <u> </u>     | <u> </u>   | oxdot    | $oxed{oxed}$                                     | <u> </u>   | Щ  |  |
|                 | 97       | Щ             |  | <u> </u>     | <u> </u>     | <u> </u>   |          | $\vdash$   | <u> </u>   | Щ  |  |
| $\perp \perp$   | 98       | _             |  | <u> </u>     |              | L  | igsquare | L  | <u> </u>   | Ш  |  |
| $\vdash \vdash$ | 99       | $\sqcup$      |  | Ш            | <u> </u>     | _  | L.,      |  |  | _  |  |
|                 | 100      |               |  |              |              |  |          |  |  |  |  |

| CI       | aim                             | Date   |              |  |                |              |          |          |                                     |                |
|----------|---------------------------------|--|--------------|--|----------------|--------------|----------|----------|-------------------------------------|----------------|
| - 01     |                                 | ├  | Г            | _  | <del>. '</del> | Jal          |          | г        | _                                   | Н              |
| Final    | Original                        |  |              |  |                |              |          |          |                                     |                |
|          | 101<br>102<br>103               |  | _            | -  |                |              |          |          |                                     |                |
|          | 102                             | -  | ├            | ⊢  | ├              | ┡            | -        | H        | -                                   | $\vdash$       |
|          | 103                             | ⊢  | _            | ┡  | ┢              | ┡            | <u> </u> | ⊢        | _                                   | Н              |
|          | 104                             | <u> </u>   | <u> </u>     | <u> </u>   | _              | _            | L        | L        | _                                   | Ш              |
|          | 105                             | _  |              |  |                |              | _        | ╙        | _                                   | Ш              |
|          | 106                             |  | ļ            | -  | <u> </u>       |              | _        |          | -                                   | Ш              |
|          | 107                             | _  |              | _  | H              | <u> </u>     | _        | <u> </u> | -                                   | Ш              |
|          | 108                             | -  |              |  | ├-             | <u> </u>     | $\vdash$ | ├-       |                                     | <u>  </u>      |
|          | 109                             | <u> </u>   | <u> </u>     | <u> </u>   |                | <u> </u>     | _        | L        | _                                   |                |
|          | 110                             | ┝  | -            | }—   |                | -            | -        | -        |                                     |                |
|          | 111<br>112                      | $\vdash$   | ├            | $\vdash$   | ├              |              | ⊢        | $\vdash$ | ├                                   |                |
|          | 113                             | -  | <del> </del> | 1  | -              | <del> </del> | $\vdash$ | $\vdash$ | ├                                   |                |
|          | 114                             | ├-   | $\vdash$     | $\vdash$   | $\vdash$       | ┢            | $\vdash$ | $\vdash$ | -                                   | H              |
|          | 115                             | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$                            | $\vdash$       |
|          | 116                             | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$     | -        | ⊢        | $\vdash$                            | $\vdash$       |
|          | 117                             | <del>                                     </del> | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$     |          | $\vdash$ | $\vdash$                            | $\vdash$       |
|          | 118                             | $\vdash$   | <del> </del> | $\vdash$   | $\vdash$       | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$                            | $\vdash$       |
|          | 119                             | $\vdash$   | $\vdash$     | ⊢  | ⊢              | $\vdash$     |          | -        | $\vdash$                            | Н              |
|          | 120                             | $\vdash$   | ┝            | $\vdash$   | _              | $\vdash$     |          | _        | $\vdash$                            | Н              |
|          | 121                             | -  | $\vdash$     | ┢  | -              | ┢            |          |          |                                     | Н              |
|          | 122                             | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$     | -        | ┝        | -                                   | Н              |
|          | 122<br>123                      | -  |              |  | $\vdash$       | $\vdash$     |          |          |                                     | Н              |
|          | 124                             |  | _            | ┢  | ┢              |              | -        |          | -                                   | Н              |
|          | 125                             |  | $\vdash$     |  |                | $\vdash$     |          | H        |                                     | Н              |
|          | 126                             |  | Г            | <del>                                     </del> |                |              |          |          |                                     | П              |
|          | 125<br>126<br>127<br>128<br>129 |  |              |  |                |              |          |          |                                     |                |
|          | 128                             |  |              |  |                |              |          |          |                                     |                |
|          | 129                             |  |              |  |                |              |          |          |                                     |                |
|          | 130<br>131                      |  |              |  |                |              |          |          |                                     |                |
|          | 131                             |  |              |  | L              | $\Box$       |          |          |                                     |                |
|          | 132                             |  |              |  |                |              |          |          |                                     | Ш              |
|          | 133<br>134                      |  |              |  |                |              |          |          | <u> </u>                            | Ш              |
|          | 134                             |  | <u> </u>     | <u></u>  | <u> </u>       |              | _        | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш              |
|          | 135                             |  | <u> </u>     | <u> </u>   | <u> </u>       | L            |          | <u> </u> | <u> </u>                            | Щ              |
|          | 136                             | <u> </u>   | <u> </u>     | <u> </u>   | ļ              | <u> </u>     | <u> </u> |          |                                     | Ш              |
|          | 136<br>137<br>138               |  | _            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              |                |              | <u> </u> | <u> </u> |                                     | Ш              |
|          | 138                             |  | _            | _  |                | $oxed{oxed}$ | _        | _        | <u> </u>                            | Щ              |
|          | 139                             | _  | <u> </u>     | <u> </u>   | $\vdash$       | $\vdash$     | _        | <u> </u> |                                     | Щ              |
|          | 140                             | <u> </u>   | <u> </u>     |  | <u> </u>       | <u> </u>     | _        | <u> </u> | <u> </u>                            | Н              |
|          | 141                             | _  | $\vdash$     | <u> </u>   | H              | $\vdash$     | <u> </u> | $\vdash$ | <u> </u>                            | Н              |
|          | 142<br>143                      | -  | H            | -  | -              | $\vdash$     | L        | <u> </u> | -                                   | Н              |
| -        | 144                             | <u> </u>   | <u> </u>     | <u> </u>   | <u> </u>       | $\vdash$     | <u> </u> | <b> </b> | <u> </u>                            | Н              |
|          | 144                             | <u> </u>   | <del> </del> | <del> </del>                                     | <u> </u>       | $\vdash$     | <u> </u> | <u> </u> | <u> </u>                            | $\vdash\vdash$ |
| $\dashv$ | 146                             | -  | -            | <b></b> -  |                | $\vdash$     |          | <u> </u> | <u> </u>                            | Н              |
|          | 147                             | H  | H            | <del> </del>                                     |                | <u> </u>     | H        | <u></u>  | <u> </u>                            | Н              |
| $\dashv$ | 148                             |  | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$     | $\vdash$ | -        | $\vdash$                            | Н              |
|          | 149                             | -  |              | $\vdash$   |                |              | -        |          | $\vdash$                            | $\vdash$       |
|          | 150                             |  | $\vdash$     | $\vdash$   | Н              | $\vdash$     | _        | -        | $\vdash$                            | -              |
|          | 100                             | L  | L            | L  |                | ட            |          |          | لــــــا                            |                |